

# Converting Colors

Hex(02FD55)

Have a look what the booklet for  
Hex(02FD55) contains.

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**Color**

**Hex(02FD55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02FD55
RGB	2, 253, 85
RGB Percent	1%, 99%, 33%
CMY	0.9922, 0.0078, 0.6667
CMYK	0.99, 0.00, 0.66, 0.01
HSL	140°, 98%, 50%
HSV	140°, 99%, 99%
XYZ	36.7900, 70.9193, 20.3441
YIQ	158.7990, -95.6680, -105.4600

# Conversions

## Conversions Part 2

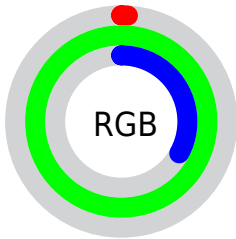
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 191, 253
Decimal	195925
CIELab	87.45, -81.50, 64.02
CIELCh	87, 103.633, 141.850
Yxy	70.9193, 0.2873, 0.5538
Android (android.graphics.Color)	4278386005 (0xFF02FD55)
YUV	158.7990, -36.3829, -137.5127
Hunter-Lab	84.2136, -69.3934, 44.6264

# Details

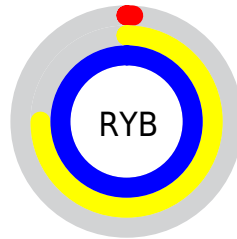
The Hex color **02FD55** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **FD02AA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **75FF8D**, and **00C213** is the 20% darker color. If you saturate the color by 10%, you get **00FD54**, and if you desaturate by 10%, it is **1BFD66**.

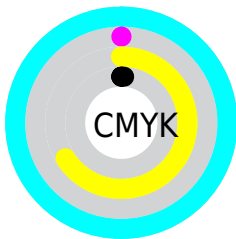
# Distribution



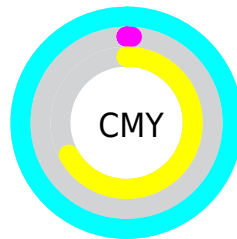
- Red (1%)
- Green (99%)
- Blue (33%)



- Red (1%)
- Yellow (75%)
- Blue (99%)



- Cyan (99%)
- Magenta (0%)
- Yellow (66%)
- Black (1%)



- Cyan (99%)
- Magenta (1%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02FD55 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 02FD55 by changing the saturation by 10% instead.



 02FD55

FFFFFF

 75FF8D

 98FFA9

 B9FFC6

 DAFFE3

 FAFFFF

 02FD55

 00DF38

 00C213

 00A600

 008A00

 006F00

 005500

 003C00

 002100

 000000

 02FD55

 02FD55

 00FD54

 1BFD66

 35FD77

 4EFD88

 67FD99

 81FDAA

 9AFDBB

 B3FDCC

 CCFDDC

 E6FDED

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C2EC00



02FD55



00FFBC

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



02FD55



00EFFF



FF7398

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



02FD55



FD02AA

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF6EFA



02FD55



96CDFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



02FD55



00FFFF



FF9BFF



FFA13A

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



02FD55



00FFFF



FF9BFF



FF6AB9

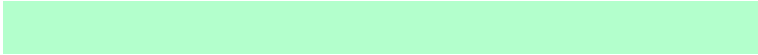


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



02FD55



B3FFCC



AEFD02



528061



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



02FD55



00FF54



02FDCF



738077



00BF3F



004015



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FD02AA



FF00AB



FD0230



80737B



BF0080

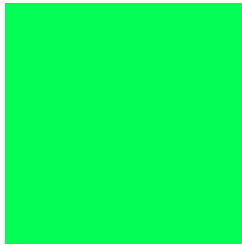


40002B



# Previews

## White Background



This preview shows how the Hex color 02FD55 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 02FD55 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

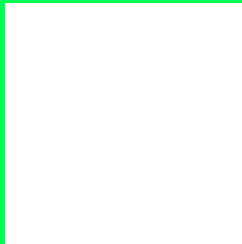
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 02FD55 Background



This preview shows how black text looks on a background with the Hex color 02FD55.

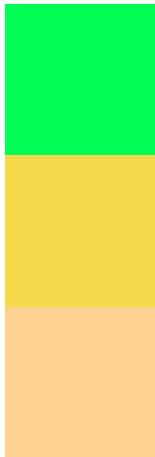


This preview shows how white text looks on a background with the Hex color 02FD55.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

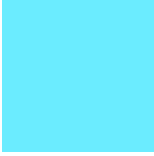
## Dichromacy



**Original Color**  
02FD55

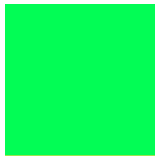
**Protanopia**  
F3D94B

**Deuteranopia**  
FFD191



**Tritanopia**  
6BECFF

# Trichromacy



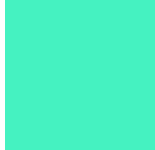
**Original Color**  
02FD55



**Protanomaly**  
9BE64F



**Deuteranomaly**  
A3E17B

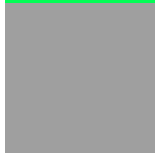


**Tritanomaly**  
45F2C1

# Monochromacy



**Original Color**  
02FD55



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
66C184

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02FD55 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #02FD55 looks like.

```
.text, #text, p{  
    color:#02FD55  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #02FD55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02FD55
}
```

## Border

The CSS property to change the border of an element to Hex 02FD55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02FD55 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#02FD55 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #02FD55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02FD55; -webkit-box-shadow:4px 4px  
4px 4px #02FD55; box-shadow:4px 4px 4px  
4px #02FD55 }
```

# Background

The CSS property to change the background color of an element to Hex 02FD55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02FD55 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#02FD55 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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